Date Printed: 12/07/2016 07:34

OAK RIDGE NATIONAL LABORATORY
Managed by UT-Battelle for the Department of Energy

Daily Summary Report

Site: Tower "K" (1208)

12/4/2016

Interval: 001h

	01_TempC_010m	02_TempC_060m	03_TempF_010m	04_TempF_060m	05_VT_Grad	06_DewPtC_010m	07_DewPtF_010m	08_RH_010m	09_AbsHum_010m
Hour	DEGC	DEGC	DEGF	DEGF	DEGC	DEGC	DEGF	PERCENT	G/M3
00:00	4.4	4.2	39.9	39.5	-.2	3.9	39.0	97.2	6.3
01:00	4.2	3.9	39.6	39.1	-.3	3.7	38.7	97.2	6.2
02:00	4.1	3.8	39.4	38.9	-.3	3.6	38.5	97.3	6.2
03:00	4.0	3.7	39.3	38.7	-.3	3.5	38.4	97.4	6.2
04:00	4.0	3.7	39.2	38.6	-.3	3.5	38.3	97.4	6.1
05:00	3.9	3.6	39.0	38.4	-.3	3.4	38.1	97.5	6.1
06:00	3.9	3.6	39.0	38.4	-.3	3.4	38.1	97.5	6.1
07:00	3.9	3.6	39.0	38.4	-.3	3.4	38.2	97.6	6.1
08:00	4.2	3.8	39.5	38.8	-.4	3.7	38.6	97.6	6.2
09:00	4.4	4.1	40.0	39.3	-.4	4.0	39.2	97.7	6.4
10:00	4.8	4.4	40.6	39.8	-.4	4.3	39.8	97.7	6.5
11:00	5.0	4.5	40.9	40.2	-.4	4.5	40.1	97.8	6.6
12:00	5.0	4.6	41.0	40.3	-.4	4.6	40.2	97.8	6.6
13:00	5.3	4.9	41.5	40.8	-.4	4.8	40.7	97.8	6.7
14:00	5.6	5.2	42.0	41.4	-.3	5.1	41.2	97.8	6.8
15:00	5.8	5.5	42.5	41.9	-.3	5.4	41.7	97.8	7.0
16:00	6.0	5.8	42.8	42.4	-.3	5.6	42.0	97.8	7.1
17:00	6.1	5.9	43.0	42.7	-.2	5.7	42.2	97.8	7.1
18:00	6.2	6.0	43.2	42.8	-.3	5.8	42.4	97.9	7.2
19:00	6.4	6.2	43.5	43.2	-.2	6.0	42.7	97.9	7.2
20:00	7.0	6.8	44.6	44.2	-.2	6.5	43.8	97.9	7.5
21:00	7.3	7.1	45.1	44.8	-.2	6.8	44.3	98.0	7.7
22:00	7.5	7.3	45.5	45.2	-.2	7.1	44.7	98.0	7.8
23:00	7.7	7.6	45.9	45.6	-.2	7.3	45.1	98.1	7.9
Avg	5.3	5.0	41.5	41.0	-.3	4.8	40.7	97.7	6.7
Max	7.7	7.6	45.9	45.6	-.2	7.3	45.1	98.1	7.9
Hr. of Max	23	23	23	23	23	23	23	23	23
Min	3.9	3.6	39.0	38.4	-.4	3.4	38.1	97.2	6.1
Count	24	24	24	24	24	24	24	24	24
Total									

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	10_Mix_Ratio_010m	_Sat_Mix_Ratio_01(	12_Vapor Pr_010m	3_Sat Vapor Pr_010r	14_LHV_010m	15_Precip_mm	16_Precip_In	17_PrecipSum	18_Solar_Rad_Wm2
Hour	None	None	KPa	None	None	MM	INCHES	INCHES	W/M2
00:00	0.0051	0.0053	8.1	8.4	2480808.8	.8	.03	.03	-3.6
01:00	0.005	0.0052	8.0	8.3	2481215.2	.8	.03	.03	-3.3
02:00	0.005	0.0052	7.9	8.2	2481459.3	1.3	.05	.05	-3.5
03:00	0.005	0.0051	7.9	8.2	2481684.4	1.8	.07	.07	-3.4
04:00	0.005	0.0051	7.9	8.1	2481813.7	2.0	.08	.08	-3.7
05:00	0.0049	0.0051	7.8	8.1	2482031.6	2.5	.10	.10	-3.5
06:00	0.0049	0.0051	7.8	8.1	2482049.9	2.5	.10	.10	-3.3
07:00	0.005	0.0051	7.8	8.1	2482025.3	2.3	.09	.09	-2.2
08:00	0.0051	0.0052	8.0	8.2	2481411.5	.5	.02	.02	17.3
09:00	0.0052	0.0053	8.1	8.4	2480705.1	.8	.03	.03	21.7
10:00	0.0053	0.0054	8.3	8.6	2479938.3	.5	.02	.02	30.9
11:00	0.0054	0.0055	8.4	8.7	2479479.2	2.3	.09	.09	31.1
12:00	0.0054	0.0055	8.5	8.7	2479353.6	4.6	.18	.18	24.0
13:00	0.0055	0.0056	8.6	8.9	2478716.4	3.3	.13	.13	35.6
14:00	0.0056	0.0057	8.8	9.1	2478081.5	1.0	.04	.04	38.5
15:00	0.0057	0.0058	9.0	9.2	2477432.4	.5	.02	.02	19.3
16:00	0.0058	0.0059	9.1	9.4	2476960.8	.5	.02	.02	4.3
17:00	0.0058	0.006	9.2	9.4	2476694.3	.3	.01	.01	-2.5
18:00	0.0059	0.006	9.2	9.5	2476448.8	.5	.02	.02	-3.6
19:00	0.006	0.0061	9.3	9.6	2476045.8	.0	.00	.00	-3.4
20:00	0.0062	0.0063	9.7	10.0	2474660.4	.0	.00	.00	-3.4
21:00	0.0063	0.0065	9.9	10.2	2474015.5	.3	.01	.01	-3.4
22:00	0.0064	0.0066	10.1	10.4	2473418.2	.0	.00	.00	-3.2
23:00	0.0065	0.0067	10.2	10.5	2472895.7	.0	.00	.00	-3.1
Avg	0.0055	0.0056	8.7	8.9	2478722.7	1.2	.05	.05	7.2
Max	0.0065	0.0067	10.2	10.5	2482049.9	4.6	.18	.18	38.5
Hr. of Max	23	23	23	23	06	12	12	12	14
Min	0.0049	0.0051	7.8	8.1	2472895.7	.0	.00	.00	-3.7
Count	24	24	24	24	24	24	24	24	24
Total									

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	19_Solar_Rad_Lang	20_BarPres_In	21_BarPres_Mb	22_WDir_010m	23_WDir_060m	24_VWDir_010m	25_VWDir_060m	26_Sigma_010m	27_Sigma_060m
Hour	Langleys	INHG	KPa	DEG	DEG	DEG	DEG	DEG	DEG
00:00	-.01	29.28	991.6	60	56	74	57	27	8
01:00	.00	29.26	990.8	72	69	81	69	24	7
02:00	-.01	29.26	990.9	62	59	67	59	28	6
03:00	.00	29.25	990.5	66	60	72	60	31	8
04:00	-.01	29.25	990.5	58	58	64	58	29	9
05:00	.00	29.24	990.4	79	73	82	73	22	10
06:00	.00	29.23	989.9	74	74	79	74	22	9
07:00	.00	29.20	988.9	68	70	74	70	24	10
08:00	.02	29.19	988.4	43	55	53	55	36	10
09:00	.03	29.19	988.6	64	63	73	63	32	11
10:00	.04	29.19	988.4	83	79	84	79	19	12
11:00	.04	29.16	987.6	59	68	71	68	33	13
12:00	.03	29.13	986.6	60	67	76	70	30	14
13:00	.05	29.09	985.3	16	35	35	48	28	26
14:00	.06	29.06	984.0	6	349	9	5	18	28
15:00	.03	29.04	983.6	21	8	34	20	30	23
16:00	.01	29.03	983.3	61	49	67	58	25	37
17:00	.00	29.03	983.1	35	314	58	32	35	19
18:00	-.01	29.04	983.3	224	234	238	232	31	11
19:00	.00	29.04	983.6	263	248	267	252	17	11
20:00	.00	29.06	984.0	258	255	260	256	16	9
21:00	.00	29.06	984.2	262	250	263	251	17	8
22:00	.00	29.07	984.5	215	228	214	227	24	13
23:00	.00	29.09	985.1	238	236	239	235	16	8
Avg	.01	29.14	987.0	51	47	0	0	26	13
Max	.06	29.28	991.6	263	349	267	256	36	37
Hr. of Max	14	00	00	19	14	19	20	08	16
Min	-.01	29.03	983.1	6	8	9	5	16	6
Count	24	24	24	24	24	24	24	24	24
Total									

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Interval: 001h

	28_RWSpd_010m	29_RWSpd_060m	30_WSpd_010m	31_WSpd_060m	32_WSpdms_010m	33_WSpdms_060m	36_PkWsH_010m	37_PkWsH_060m
Hour	MPH	MPH	MPH	MPH	M/SEC	M/SEC	MPH	MPH
00:00	.9	5.9	.9	6.0	.4	2.7	4.8	9.4
01:00	1.6	7.2	1.7	7.2	.8	3.3	6.0	10.8
02:00	1.2	8.0	1.4	8.0	.6	3.6	5.0	12.8
03:00	1.7	8.6	1.9	8.7	.8	3.9	6.9	14.9
04:00	1.3	7.3	1.4	7.4	.6	3.3	5.7	11.4
05:00	1.9	6.4	2.0	6.4	.9	2.9	6.6	11.0
06:00	2.4	7.4	2.6	7.6	1.2	3.4	8.7	12.6
07:00	2.6	8.5	2.8	8.6	1.3	3.9	10.1	14.4
08:00	1.6	9.3	1.9	9.4	.9	4.2	8.7	16.3
09:00	2.7	8.9	3.1	9.1	1.4	4.1	9.4	16.0
10:00	3.0	6.9	3.1	7.0	1.4	3.2	8.5	12.1
11:00	1.6	5.9	1.9	6.1	.8	2.7	7.1	12.4
12:00	1.1	4.7	1.3	4.9	.6	2.2	6.4	9.4
13:00	.5	2.6	.7	2.9	.3	1.3	3.4	5.3
14:00	.3	1.0	.3	1.1	.1	.5	1.8	3.4
15:00	.5	2.4	.6	2.8	.3	1.3	3.4	7.3
16:00	1.4	3.7	1.5	3.8	.7	1.7	4.8	7.1
17:00	.3	.7	.5	1.2	.2	.6	4.6	5.0
18:00	1.0	1.6	1.1	1.6	.5	.8	2.7	4.4
19:00	2.9	6.1	3.1	6.3	1.4	2.9	7.3	11.0
20:00	3.6	7.1	3.9	7.2	1.7	3.2	8.2	11.2
21:00	2.5	5.6	2.7	5.7	1.2	2.6	6.4	9.2
22:00	2.5	6.3	2.9	6.5	1.3	2.9	8.0	10.8
23:00	3.6	8.0	4.0	8.1	1.8	3.7	7.3	12.6
Avg	4.7	4.7	2.0	5.9	.9	2.7	6.3	10.5
Max	3.6	9.3	4.0	9.4	1.8	4.2	10.1	16.3
Hr. of Max	23	08	23	08	23	08	07	08
Min	.3	.7	.3	1.1	.1	.5	1.8	3.4
Count	24	24	24	24	24	24	24	24
Total								